



DEPARTMENT OF THE NAVY
OFFICE OF THE CHIEF OF NAVAL OPERATIONS
WASHINGTON, DC 20350-2000

IN REPLY REFER TO

OPNAVINST 5420.70C
N09P
24 FEB 1994

OPNAV INSTRUCTION 5420.70C

From: Chief of Naval Operations

Subj: **MISSION, ORGANIZATION, AND FUNCTIONS OF THE BOARD OF
INSPECTION AND SURVEY**

Ref: (a) OPNAVINST 5430.48
(b) U.S. Navy Regs 1990, Articles 0850 and 0873
(c) U.S. Code, Title 10, para 7304

Encl: (1) Mission and Functions of the Board of Inspection
and Survey

1. **Purpose.** To revise the organization and identify the mission and functions of the Board of Inspection and Survey in support of changes made to references (a) and (b).

2. **Cancellation.** OPNAVINST 5420.70B.

3. **Authority for Material Inspections, Surveys, and Trials.** Reference (c) prescribes that the Secretary of the Navy will designate a board of naval officers to examine each vessel of the Navy at least once every 3 years, if practicable, and further requires the Board to report to the Secretary of the Navy when, as a result of a material inspection, a vessel is found unfit for further service.

4. **Mission and Functions.** The mission and functions of the Board of Inspection and Survey are as prescribed in enclosure (1).

5. **Status and Command Relationships**

a. The Board of Inspection and Survey is a shore activity in an active operating status under the direction of a President with the status of commanding officer and under the command of Chief of Naval Operations. The Board of Inspection and Survey, Norfolk, Virginia, is subject to the area coordination authority of the Commander, Naval Base, Norfolk, Virginia. The Aviation Board of Inspection and Survey at Patuxent River, Maryland is a shore detachment of the Board of Inspection and Survey, Norfolk,



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Virginia. The Surface Trials Board and the Submarine Board, both at Norfolk, Virginia, are sea duty detachments of the Board of Inspection and Survey, Norfolk, Virginia.

b. The Atlantic Board of Inspection and Survey, Norfolk, Virginia, and the Pacific Board of Inspection and Survey, San Diego, California, are shore activities in an active operating status under the direction of a commanding officer and under the command of the President, Board of Inspection and Survey. The Atlantic Board of Inspection and Survey, Norfolk, Virginia, is subject to the area coordination authority of the Commander Naval Base, Norfolk. The Pacific Board of Inspection and Survey, San Diego, California, is subject to the area coordination authority of the Commander Naval Base, San Diego.

c. The President, Board of Inspection and Survey, may be assisted by other officers and permanent and semipermanent sub-boards. These sub-boards will be convened upon the request of the President, Board of Inspection and Survey and will be composed of personnel assigned on a temporary additional duty basis by their parent command. The President, Board of Inspection and Survey, is authorized direct liaison with these boards and their parent commands in carrying out the functions assigned to these boards.

6. Assignments

a. The President, Board of Inspection and Survey, and the Deputy, N09P and N09PB, respectively, are assigned additional duty as principal advisors to CNO regarding all U.S. Navy material inspections and surveys as well as other program and resource issues required for the effective performance of the assigned mission and functions of the Board of Inspection and Survey.

b. The following officers will report to the President, Board of Inspection and Survey, for additional duty as members of the Aircraft Trials Committee:

Officer in Charge, Naval Air Warfare Center Weapons Division
Detachment, Albuquerque, New Mexico

Associate Director, Weapons Systems Evaluation Directorate
Naval Air Warfare Center Weapons Division, Pt. Mugu,
California

Director, Systems Engineering Test Directorate
Naval Air Warfare Center Aircraft Division, Patuxent River,
Maryland

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Director, Force Warfare Aircraft Test Directorate
Naval Air Warfare Center Aircraft Division, Patuxent
River, Maryland

Director, Rotary Wing Aircraft Test Directorate
Naval Air Warfare Center Aircraft Division, Patuxent River,
Maryland

Director, Strike Aircraft Test Directorate
Naval Air Warfare Center Aircraft Division, Patuxent River,
Maryland

c. Upon request from the President, Board of Inspection and Survey, the Systems Commands, and other Department of the Navy organizations will provide technical advice and assistance to the President, Board of Inspection and Survey in the performance of assigned duties.

d. The President, Board of Inspection and Survey, is authorized to arrange for the conduct of a trial of an aircraft weapon system, ship, or service craft, a material inspection of a ship or service craft, or a survey of an active or inactive ship or service craft by any board under its jurisdiction. Inspections by semipermanent boards will normally be conducted as follows:

(1) Deployed ships may be inspected by Semipermanent Boards of Inspection and Survey. Semipermanent Boards will be convened by the appropriate area commander when requested by the President, Board of Inspection and Survey.

(2) Ships and service craft assigned to shore commands may be inspected by Semipermanent Boards of Inspection and Survey. Semipermanent Boards will be convened by the appropriate area commander when requested by the President, Board of Inspection and Survey.

e. A ship being inspected or undergoing trials by the Board of Inspection and Survey will be considered on detached duty until the inspection or trial is completed. Trials and inspections of active fleet ships will normally be conducted underway.

7. **Organization.** The Board of Inspection and Survey will consist of a flag officer as President, and other officers as necessary to assist in carrying out the duties of the Board as prescribed by law and Navy Regulations. Permanent and Semipermanent Boards are established as follows:

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a. Permanent Boards:

Surface Trials Board of Inspection and Survey
Norfolk, Virginia

Submarine Board of Inspection and Survey
Norfolk, Virginia

Atlantic Board of Inspection and Survey,
Norfolk, Virginia

Pacific Board of Inspection and Survey,
San Diego, California

Aviation Board of Inspection and Survey,
Patuxent River, Maryland

b. Semipermanent Boards:

Temporary Boards of Inspection and Survey convened
as requested by the President, Board of Inspection
and Survey.

8. Action. The President, Board of Inspection and Survey, will carry out the missions and functions prescribed in enclosure (1) and advise CNO when changes to this instruction are considered necessary.



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**MISSION AND FUNCTIONS OF THE PRESIDENT
BOARD OF INSPECTION AND SURVEY**

1. Mission, Board of Inspection and Survey. To conduct acceptance trials and inspections of ships, service craft, and aircraft for the purpose of determining the quality of construction, compliance with specifications and Navy requirements, and to make recommendations upon their acceptance by the Navy; to conduct material inspections of all naval ships at least once every 3 years, if practicable, for the purpose of determining and reporting upon a ship's fitness for further service and material conditions which limit her capability to carry out assigned missions; to conduct surveys for the purpose of recommending disposition of ships and service craft which are considered beyond economical repair or obsolescent beyond economical modernization; to periodically ascertain and report on the material condition and performance capabilities or limitations of Navy ships; to conduct and report on the status of fleet occupational safety and health; to compile statistical information regarding recurring or significant acquisition or maintenance deficiencies for aircraft and ships, and to review specifications for new ship designs, reporting such findings to the Chief of Naval Operations (CNO); to conduct other inspections and trials of ships, service craft and aircraft as directed by the CNO; and to perform other functions as may be assigned by higher authority.

2. Functions

a. President, Board of Inspection and Survey, Norfolk, Virginia

(1) Prescribes the procedure for the conduct of trials of ships, service craft and aircraft, material inspections of ships and service craft, and surveys of ships and service craft consistent with law, regulations, and the terms of contracts.

(2) Arranges for the conduct of trials, inspections and surveys of ships and service craft.

(3) Conducts trials of ships and service craft to determine whether or not the ship or service craft has been constructed/converted following the contract specifications and meets approved characteristics. All material, performance, and design deficiencies found to exist either during the trials or as a result of examination will be reported by the Board. The Board will recommend design changes or alterations, clearly differentiated from deficiencies, which it believes are essential for safe and satisfactory mission accomplishment or which could

Enclosure (1)

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improve mission effectiveness of the ship, service craft or other ships/craft of similar type.

(4) Conducts material inspections of ships and service craft, and surveys of ships and service craft as directed.

(5) Submits reports together with findings, comments and recommendations on all trials, material inspections, and surveys to the CNO or the Secretary of the Navy as appropriate, following existing instructions.

(6) Reviews, endorses, and forwards the reports of trials, material inspections, and surveys submitted by other Boards.

(7) Advises those in positions of higher authority of the prevailing material conditions and significant and/or recurring material problem areas of the United States Fleet and compiles statistical information regarding recurring or significant deficiencies.

(8) Maintains liaison with appropriate offices in the Office of the Chief of Naval Operations (OPNAV) and the Systems Commands as necessary in the performance of assigned duties.

(9) Administers funds assigned by the CNO.

(10) Administers personnel assigned.

b. Atlantic Board of Inspection and Survey, Norfolk Virginia and Pacific Board of Inspection and Survey, San Diego California

(1) Arrange for and conduct material inspections of ships.

(2) Conduct trials of ships and service craft to determine whether or not the ship or service craft has been constructed/converted following contract specifications and meets approved characteristics. All material, performance, and design deficiencies found to exist either during the trials or as a result of examination will be reported by the Board. The Board will recommend design changes or alterations, clearly differentiated from deficiencies, which it believes are essential for safe and satisfactory mission accomplishment or which could improve mission effectiveness of the ship, service craft, or other ships/craft of similar type.

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(3) Conduct material inspections of ships and service craft, and surveys of ships and service craft as directed.

(4) Prepare and submit to the President, Board of Inspection and Survey, reports on all trials, material inspections, and surveys conducted.

(5) Provide the President, Board of Inspection and Survey, with comments or recommendations toward improving inspection methods or material readiness of the operating forces of the Navy.

(6) Administer funds assigned.

(7) Administer personnel assigned.

(8) Perform other duties as may be assigned.

c. Aviation Board of Inspection and Survey, Patuxent River, Maryland

(1) Arranges the trials of new types, models and series of aircraft and selected aircraft systems.

(2) Conducts trials of aircraft to determine suitability for the intended purpose of whether or not the contract specifications and authorized changes thereto have been satisfactorily fulfilled. Deficiencies discovered will be reported by the Aviation Board together with recommendations for the correction of defects and deficiencies. The Aviation Board will recommend design changes which it believes are essential for safe and satisfactory mission accomplishment or which could improve system effectiveness.

(3) Prepares and submits to the President, Board of Inspection and Survey, reports of trials conducted, quarterly status updates, independent technical assessments, and alerting reports.

(4) Provides the President, Board of Inspection and Survey, with any comments or recommendations toward improving inspection methods.

(5) Administers funds assigned.

(6) Administers personnel assigned.

(7) Performs other duties as may be assigned.

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d. Semipermanent Board of Inspection and Survey

(1) Conduct trials of ships and service craft as specifically assigned by President, Board of Inspection and Survey.

(2) Conduct material inspections and surveys of ships and service craft as directed by the President, Board of Inspection and Survey.

(3) Prepare and submit reports of all trials, material inspections and surveys conducted to the President, Board of Inspection and Survey.